

In the Claims

- 1.(Cancelled)
- 2.(Cancelled)
- 3.(Cancelled)
- 4.(Cancelled)
- 5.(Cancelled)
- 6.(Cancelled)
- 7.(Cancelled)
- 8.(Cancelled)
- 9.(Cancelled)
- 10.(Cancelled)
- 11.(Cancelled)

12.(Currently Amended) A trailer for transporting a plurality of animals, said trailer having a floor with first and side walls that extend therefrom and a roof attached to the side walls to define an enclosed structure, said enclosed structure having a rear door for egress onto the floor and a forward door in at least one of said side walls, said floor being divided by a plurality of ramped gate assemblies, each gate in said plurality of gate assemblies is characterized by a rectangular frame having first and second bearing surfaces on a first side and third and fourth bearing surfaces on a second side, said first and second bearing surfaces being positioned to be in a perpendicular alignment with said first wall and said third and fourth bearing surfaces being positioned in a perpendicular alignment with said second wall, a plurality of roller means each having a head with a shaft respectively retained in one of said first, second, third and fourth bearing surfaces; a first rail assembly attached to said first side wall with a plurality of first vertical sections connected to a plurality of first horizontal sections by first splitter sections to define a first continuous rail member, a second rail assembly attached to said second side wall with a plurality of second vertical section connected to a plurality of second horizontal section by second splitter sections to define a second continuous rail member, said first and second vertical sections in said first and second continuous rail members being offset from each other with respect to rear door, said first and

second rollers in each gate being retained in one of said first vertical sections of said first rail assembly and said third and fourth rollers on each gate being retained in one of said second vertical sections of said second rail assembly such that with said gate is located in a horizontal position to define a ramped individual stall defined within said enclosed structure, said each gate being moved from said horizontal position to a vertical position by said first and second rollers moving in said first continuous rail and said third and fourth rollers moving in said second continuous rail to a horizontal section to eliminate said individual ramped stall within said enclosed structure.

13.(Original) The trailer as recited in claim 12 wherein said gate assemblies include a number of said each gate to provide for the development of a corresponding number of individual stalls.

14.(Original) The trailer as recited in claim 13 wherein said each gate may be retained in either a forward or rear section of said horizontal section of said first and second continuous rail members such that access to an individual stall may be from either said rear or forward door.

15.(New) A trailer for transporting a plurality of animals, said trailer having a floor first and second side walls that extend therefrom and a roof attached to the side walls to define an enclosed structure, said enclosed structure having a rear door for egress onto the floor and a forward door in at least one of said side walls, said floor being divided into a plurality of stalls by gate assemblies, said gate assemblies being characterized by a plurality of individual gates wherein each gate has a first end that is connected through a first roller arrangement retained in a first rail fixed to said first side wall and a second end that is connected through a second roller arrangement retained in a second rail fixed to said second side wall, said gate having a length between said first and second ends that is greater than a length between said first and second side walls such that said first roller arrangement is located in the first rail at greater distance from the rear door than said second roller arrangement in the second rail, said gate being movable from a horizontal position adjacent said roof to a vertical position with respect to said floor after an animal enters said enclosed structure through said rear door to create a corresponding

individual ramped stall with respect to said first and second side walls for the animal and whereby each gate may thereafter be moved from said vertical position and returned to said horizontal position to eliminate said individual ramped stall so that the animal may exit from the enclosed structure through said forward door.

16.(New) The trailer as recited in claim 15 wherein first and second rails are each further characterized by a first section that extends in a vertical plane with respect to said floor, a second section that located in a horizontal plane with respect to said roof and a third section that transitions from said first section to said second section, said first sections of said first and second rails being offset from each other to receive said first and second roller arrangements such that said first and second roller arrangements move in a plane parallel with said first section, third section and second sections on movement of said each gate between said horizontal and vertical positions.

17.(New) The trailer as recited in claim 16 wherein first section of said first and second rails are further characterized by a guides respectively located adjacent said first sections, said each gate on receipt of a lateral force moving into engagement with a guide to limit the communication of said lateral force into said first and second roller arrangements of said each gate.

18.(New) The trailer as recited in claim 17 wherein each roller of said first and second roller arrangements is characterized by a cylindrical head with a shaft extending therefrom, said shaft being retained in a bearing in said each gate such that said roller is in perpendicular alignment with respect to a corresponding rail.

19.(New) The trailer as recited in claim 18 wherein said each gate is further characterized by locking means that engage said first and second rails to retain said each gate in either a horizontal or vertical position.

20.(New) The trailer as recited in claim 15 wherein said each gate is further characterized by a curtain means attached to said roof and extendable therefrom to limit the visibility from said individual stall.

21.(New) The trailer as recited in claim 20 wherein said third section of each rail has a forward and an aft branch such that said first section of each rail is

connected to horizontal section of successive rails such that a gate may be moved in either a forward or aft direction when in a storage position.

22.(New) The trailer as recited in claim 17 wherein said guides are further characterized by resilient means on which a gate rests in a horizontal position to attenuate noise that may occur when a trailer is traveling on a rough road.